

FORM PTO-1390  
(REV. 6-87)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1359-00

**09/601947**INTERNATIONAL APPLICATION NO.  
PCT/NO99/00053INTERNATIONAL FILING DATE  
18 February 1999 (18.02.99)PRIORITY DATE CLAIMED  
20 February 1998 (20.02.98)

## TITLE OF INVENTION

Method and Device for Establishing Contact, Based on the Telecommunications Network, Between a Selection of TV-Viewers and an Established Game Program

## APPLICANT(S) FOR DO/EO/US

Morten Nyborg

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1. ☒ This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
2. ☒ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	23 -20=	3	x \$18.00	\$ 54.00
	INDEPENDENT CLAIMS	1 -3=	0	x \$78.00	
	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	260.00
	BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)):				
	<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$750.00				
	<input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$760.00				
	<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$970.00				
	<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4).....\$ 96.00				
	<input checked="" type="checkbox"/> International Search Report enclosed .....\$840.00				840.00
	Surcharge of \$_____ for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)).				\$130.00
	TOTAL OF ABOVE CALCULATIONS				1,154.00
	Reduction by ½ for filing by small entity, if applicable. Affidavits must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)				577.00
	SUBTOTAL				577.00
	Processing fee of \$_____ for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).				\$130.00
	TOTAL NATIONAL FEE				577.00
	Fee for recording the enclosed assignment (37 CFR 1.21(h)).				\$40.00 40.00
	TOTAL FEES ENCLOSED				617.00

- a. ☒ A check in the amount of \$617.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 13-3405 in the amount of \$\_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.

3. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  - c. ☒ has been transmitted by the International Bureau.
4. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
6. ☒ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). (Response to Written Opinion)
7. ☐ An oath or declaration of the inventor (35 U.S.C. 371(c)(4)).
8. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Other document(s) or information included:

9. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
10. ☒ An Assignment document for recording and a Recordation Form Cover Sheet - Patents Only. Please mail the recorded assignment document to the person whose signature, name and address appears at the bottom of this page.

11. The above checked items are being transmitted
- a. ☐ before the 18th month publication.
  - b. ☐ after publication and the Article 20 communication but before 20 months from the priority date.
  - c. ☐ after 20 months but before 22 months (surcharge and/or processing fee included).
  - d. ☐ after 22 months (surcharge and/or processing fee included).
- Note:** Petition to revive (37 C.F.R. 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 22 months and no proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.
- e. ☒ by 30 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
  - f. ☐ after 30 months but before 32 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date (surcharge and/or processing fee included).
  - g. ☐ after 32 months (surcharge and/or processing fee included).
- Note:** Petition to revive (37 C.F.R. 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 32 months and a proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.

12. At the time of transmittal, the time limit for amending claims under Article 19
- a. ☐ has expired and no amendments were made.
  - b. ☐ has not yet expired.
13. ☐ Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on \_\_\_\_\_, namely:

SCHNADER HARRISON SEGAL & LEWIS

Date: Aug. 9, 2000

By: \_\_\_\_\_

Austin R. Miller  
Austin R. Miller, Reg. No. 16,602  
1600 Market Street, 36<sup>th</sup> Floor  
Philadelphia, PA 19103

**STATEMENT CLAIMING SMALL ENTITY STATUS**  
**(37 CFR 1.9(f) & 1.27(c))--SMALL BUSINESS CONCERN**

Docket Number (Optional)  
 1359-00

Applicant, Patentee, or Identifier: Morten Nyborg

Application or Patent No.: \_\_\_\_\_

Filed or Issued: Herewith

Title: METHOD AND DEVICE FOR ESTABLISHING CONTACT, BASED ON THE TELE-  
COMMUNICATIONS NETWORK, BETWEEN A SELECTION OF TV-VIEWERS AND AN  
 I hereby state that I am ESTABLISHED GAME PROGRAM

- ☐ the owner of the small business concern identified below:  
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN InterMercial AS

ADDRESS OF SMALL BUSINESS CONCERN Lilleakerveien 10, N-0283 Oslo  
Norway

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 CFR Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

- ☒ the specification filed herewith with title as listed above.  
☐ the application identified above.  
☐ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

- Each person, concern, or organization having any rights in the invention is listed below:  
☒ no such person, concern, or organization exists.  
☐ each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

NAME OF PERSON SIGNING Sigmund Festøy

TITLE OF PERSON IF OTHER THAN OWNER Director

ADDRESS OF PERSON SIGNING Giskehagen 2, N-0376 Oslo, Norway

SIGNATURE Sigmund Festøy

DATE 01.08.00

**METHOD AND DEVICE FOR ESTABLISHING CONTACT, BASED ON THE  
TELECOMMUNICATIONS NETWORK, BETWEEN A SELECTION OF TV-  
VIEWERS AND AN ESTABLISHED GAME PROGRAM**

5 The present invention relates to a method and device for announcing to TV viewers via the screen of their TV set a key code for use in establishing contact, based on the telecommunications network, between a selection of viewers and an established game program.

10 Methods and devices of the type introduced above are well known and are put to use in connection with typical TV games that resemble computer games, where the viewer is able to communicate with the TV game program via the push button unit on his telephone instrument. Often a TV company has produced on the screen of the TV set a telephone number that viewers may call, and in such cases it would be up to the TV  
15 company to select the players who would be allowed to participate. The prizes that are often offered in these types of TV game programs are relatively moderate.

It has been an objective with the present invention, however, to provide both a method and a device which makes it possible to ensure that neither the TV company nor the  
20 game operator itself would in reality have the possibility of choosing which viewers would be allowed to participate in the scheduled game program. Similarly, the key code that the TV viewers would have to pick up in order to establish contact based on the communications network would be selected at random, meaning that no one would be able to know the code, e.g., a telephone number, ahead of time. Thus, all viewers  
25 would in reality have the same opportunity to connect up with the game program, whereas the decisive factor would be the speed at which this occurs.

According to the invention it is suggested that, in the method introduced above, the key code will contain elements which are each transmitted in succession to the screen of the  
30 TV set in the form of signs and/or symbols, e.g., numbers and/or letters, within selected time slots in at least one TV program and/or in at least one TV commercial spot, and that the key code for every announcement is selected automatically and randomly among a predetermined number of different key codes.

35 According to a preferred embodiment of the method, said time slots are respectively placed within selected time units of the TV program and/or the TV commercial spot.

As an alternative to this, the time slots may be respectively placed within randomly selected time units of the TV program and/or the TV commercial spot.

The feature that the key code is selected automatically and randomly among a predetermined number of different key codes would make it more difficult for certain "clever" viewers to sit in readiness to ring a specific number as soon as the TV company provides the opportunity. Only when all the elements have been shown in succession would the viewer gain knowledge of the key code.

- 10 The selection of viewers is determined as a function of a predetermined number of viewers who by using the key code first manage to establish the aforementioned contact.

- 15 The duration and/or position of the time slots within a respective time unit would, according to the method, be randomly selected. This means that in a TV commercial spot said time slots can be placed at random within each commercial spot so that the signs/symbols displayed in the form of the key code elements appear on the screen at various points of time in a display sequence, which means that the viewers must pay attention to the entire display sequence in order to pick up the specific key code element presented there.

- 20 Furthermore, it would be possible according to the invention to select the duration of the display and/or the placement of the key code elements within the respective time slot in a random manner. This means that, for example, the first sign or symbol in the key code could be displayed with a relatively long duration, while the last signs are shown with very short duration and in a random section from the TV program or TV commercial being shown.

- 30 The random selection is expediently done with the aid of an automatically operating selection device, ensuring that persons employed by the TV company, for example, cannot make such a selection manually. The possibility that employees of the TV company might be suspected of giving certain viewers easier access to the game program, e.g., a TV game, is thus avoided.

- 35 According to the invention the viewers are able to establish the aforementioned contact with the TV channel operator or game program operator via the telephone network or a computer communications network.

The device introduced above is characterized by a key code generator which generates the elements of the key code and transmits each of these in succession to the TV set in the form of signs and/or symbols, e.g., numbers and/or letters, within selected time slots in at least one TV program and/or in at least one TV commercial spot, said key code generator being designed to select the key code randomly among a predetermined number of different key codes for every key code announcement, and a line connector in the telecommunications network for connecting with the game program a predetermined number of TV viewers who by using the key code first manage to establish said contact.

According to an embodiment of the device, said time slots respectively lie within selected time units of the TV program and/or the TV commercial spot.

Alternatively, the time units may be randomly selected.

A time slot generator is provided to determine the placement of a time slot within a respective time unit. Further, a time unit generator is provided to determine the placement of the time units within the TV program and/or the TV commercial spot.

The said key codes can be made up completely or partially of, e.g., digits in a telephone number, symbols, letters or combinations thereof.

The time slot generator is provided to choose at random the duration and/or placement of the time slots within a respective time unit.

Furthermore, it would be advantageous to have the key code generator be designed to randomly select the duration of the display and/or the position of the key code elements within a respective time unit.

The invention will now be explained in more detail with reference to the attached figures, said figures illustrating a non-restrictive embodiment of the invention.

Figure 1 shows a time diagram for the visualization of the invention.

Figure 2 shows a typical, simplified circuit pattern for the device, according to the invention.

On Figure 1 the key code selected for the example is indicated by reference numeral 1, this being the number 58213. These figures which, for example, make up the last five digits of a telephone number, e.g., 800 58213, are to be presented within a TV program or a TV commercial spot, e.g., broken up into five time units I, II, III, IV and V. In the chosen example, the durations of these five time units have a proportional relationship of 4.0: 2.5: 6.0: 3.5: 5.0. These time units can be determined by, e.g., a pulse train 2. The time slots within which the respective key code elements are to be displayed can be determined, for example, by a pulse train as indicated with reference numeral 3.

In this way it is possible to determine not only where in the time duration for a TV program sequence the key code element will be shown, but also the duration of such a display, governed by the pulse width of each of the pulses 3.

In order to perform the invention, it is suggested that there be provided a key code generator 4 capable of generating at random the elements of the key code 1 among a predetermined number of different, previously stored key codes which are linked to an available number of alternative telephone lines 5. Synchronizing pulses 6 are sent to an input on the generator 4 and simultaneously to a TV program or TV commercial producer, e.g., a video cassette recorder 7, CD ROM station, film projector or TV camera. The randomly selected key code, e.g., a series of digits, in this case 800 58213, is fed into a line connector 8, in such a way that only the correct line-connector unit 9 for the relevant telephone number is connected. Generator 4 is also in communication with a time unit generator 10 which determines the time units within which the key code elements in question shall appear. To further specify the placement and duration of each key code element within a time unit, there is also provided a time slot generator 11 which may be of a type that arbitrarily determines the placement of the time slot in the time unit and the duration of the time slot. The signals emerging from generator 4 and from the TV program or TV commercial spot simultaneously being played back is sent to a video mixer 12 and from there to a transmitter unit 13, either for wireless communication via a transmission antenna 14 to a receiving antenna 15 on a TV set 16, or via a cable connection 17 between transmitter 13 and TV set 16. The wireless communication may also take place via a satellite (not shown).

When the viewer has observed all the elements in the key code, such as, e.g., a series of digits, the viewer(s) in question must dial the correct number on the push button unit 18 of the user's telephone instrument 19. In the chosen, non-restrictive example, the idea is

that only five of the viewers who first establish contact will gain access to the TV company's TV game. Line connector 8 forms a connection with a central interface 20 for adaptation between the signals from the push button unit 18 and a computer 21, connected to the system after interface 20, containing the software necessary for the TV game that is to be played by the viewers. The viewer who is most successful at solving the problems and tasks presented in the TV game will be registered by his telephone number in a register 22 connected to computer 21. This register can optionally contain a central telephone index (e.g., stored on a CD-ROM) to enable the winner's name to be displayed on the screen when the TV game winner is announced.

Within the scope of the invention it would, of course, be possible to modify the circuit shown on Figure 2 without thereby deviating to any significant extent from the idea and scope of the invention.

As an alternative to the use of the telephone to establish contact via the telecommunications network, there may be used, e.g., a PC 23 with a keyboard 23' which communicates with the computer processor 21 via a data server 24 by using data paths 26, 27, 28 indicated by the letter F. Other PC's (not shown) are able to communicate in a similar manner, but only a selection of the PC's would have access to processor 21.

Communication from the central unit to the viewer can optionally be made audible via the telephone instrument or interactively optical via the TV screen or reciprocally via the PC visual display unit 23".

Although it will be apparent from the above that the TV company is able to administer a game program, either audibly or visually, it will be understood that a separate game observer could just as well have provided for this type of administration.



A m e n d e d P a t e n t C l a i m s

1.

A method for announcing to TV viewers via the screen of their TV set a key code for  
5 use in establishing contact, based on the telecommunications network, between a  
selection of viewers and an established game program,  
c h a r a c t e r i z e d i n  
that the key code contains elements that are each transmitted in succession to the screen  
of the TV set in the form of signs and/or symbols, e.g., numbers and/or letters, within  
10 selected time slots in at least one TV program and/or in at least one TV commercial spot  
said timeslots being located within selected time units of the TV program and/or TV-  
commercial spot, respectively,  
that the key code for every announcement is selected randomly among a predetermined  
number of different key codes, and  
15 that the selection of viewers is determined as a function of a predetermined number of  
viewers who by using the key code first manage to establish said contact.

2.

A method as disclosed in claim 1, c h a r a c t e r i z e d i n that said random selection  
20 is done with the aid of an automatically operating selection device.

3.

A method as disclosed in claim 1, c h a r a c t e r i z e d i n that said selected timeunits  
of the TV program and/or TV commercial spot at which said time slots are randomly  
25 selected by an automatically operating selection device.

4.

A method as disclosed in claim 1, 2, or 3, c h a r a c t e r i z e d i n that the duration  
and/or the position of said time slots within a respective time unit is selected at random.  
30

5.

A method as disclosed in claim 1, 2, 3 or 4, c h a r a c t e r i z e d i n that the duration  
of the display and/or the placement of the key code elements within a respective time slot  
is selected at random.

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6.

A method as disclosed in claim 4 or 5, characterized in that the random selection is made by the automatically operating selection device.

5

7.

A method as disclosed in claim 4, characterized in that the viewers establish said contact with the TV channel operator or the game program operator via a telephone network or a computer communications network.

10

8.

A device for announcing to TV viewers via the screen of their TV set a key code for use in establishing contact, based on the telecommunications network, between a selection of viewers and an established game program,

15 characterized by

a key code generator which generates the elements of the key code and transmits each of these in succession to the TV set in the form of signs and/or symbols, e.g., numbers and/or letters, within selected time slots in at least one TV program and/or in at least one TV commercial spot, said time slots being located within selected time units of the TV program and/or TV-commercial spot, respectively, said key code generator being included in a selection device designed to select the key code randomly among a predetermined number of different key codes for every key code announcement, and a line connector in the telecommunications network for connecting to the game program a predetermined number of TV viewers who by using the key code first manage to establish said contact.

25

9.

A device as disclosed in claim 8, characterized in that said time slots respectively lie within randomly selected time units of the TV program and/or the TV commercial spot.

30

10.

A device as disclosed in claim 8 or 9, characterized in that a time slot generator is included in the selection device to select duration and/or placement of the time slots within respective time units.

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11.

A device as disclosed in claim 10, characterized in that the selection device selects at random and automatically the duration and/or the placement of said time slots within a respective time unit.

5

12.

A device as disclosed in claim 8, 9, 10 or 11, characterized in that a time unit generator is provided in said selection device to determine the placement of the time units within the TV program and/or the TV commercial spot.

10

13.

A device according to claim 12, characterized in that the selection device selects the positioning of the time sections at random and automatically.

15 14.

A device as disclosed in one or more of the preceding claims 8-13, characterized in that the key code generator is designed to select at random the duration of the display and/or the position of the key code elements within a respective time slot.

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- ☐ Original Application
- ☒ PCT National Application  
U.S. Designated Office
- ☐ Continuation or Divisional Application
- ☐ Continuation-in-Part Application

**COMBINED DECLARATION,  
POWER OF ATTORNEY AND PETITION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Method and device for establishing contact, based on the tele-  
communications network, between a selection of TV-viewers and an established  
game program

☐ which is described in the specification and claims

☐ attached hereto.

☐ filed on \_\_\_\_\_

Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_

*(if applicable)*

☒ which is described in International Application No. PCT/NO99/00053

filed 18.02.1999 and as amended on

08.05.00 (if any),

which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe that this invention was ever known or used in the United States before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application or said international application, or in public use or on sale in the United States of America more than one year prior to this application or said international application, or that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application or said international application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application or said international application, or that any application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application or said international application by me or my legal representatives or assigns except as identified below.

**COMBINED DECLARATION, POWER OF ATTORNEY AND PETITION**  
(Page 2)

Attorney Docket No. 1359-00

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International Application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT International Application having a filing date before that of the application on which priority is claimed:

Number	Country	Date of Filing (day,month,year)	Priority Claimed
19980714	NORWAY	20.02.1998	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
19985731	NORWAY	08.12.1998	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
			<input type="checkbox"/> yes <input type="checkbox"/> no
			<input type="checkbox"/> yes <input type="checkbox"/> no
			<input type="checkbox"/> yes <input type="checkbox"/> no

I hereby claim the benefit under Title 35, United States Code, §119(e) or §120 (as applicable) of any United States application(s) or §365(c) of any PCT International Application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112:

(Application Serial No.)

(Filing Date)

(Status)(patented,pending,abandoned)

(Application Serial No.)

(Filing Date)

(Status)(patented,pending,abandoned)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the registered attorneys listed under Customer No. 022469 and the following registered attorneys to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

T. Daniel Christenbury Reg. No. 31,750  
Guy T. Donatiello Reg. No. 33,167  
Paul A. Taufer Reg. No. 35,703  
James A. Drobile Reg. No. 19,690  
Austin R. Miller Reg. No. 16,602  
Gerard J. Weiser Reg. No. 19,763  
Joan T. Kluger Reg. No. 38,940

Patrick J. Farley Reg. No. 42,524  
Michael A. Patané Reg. No. 42,982  
David A. Sasso Reg. No. 43,084  
Robert A. McKinley Reg. No. 43,793  
Sharon Fenick Reg. No. 45,269  
Stewart M. Wiener Reg. No. 46,201

SEND CORRESPONDENCE TO:  
IP Department  
Schnader Harrison Segal & Lewis  
36th Floor, 1600 Market Street  
Philadelphia, PA 19103

DIRECT TELEPHONE CALLS TO  
ATTORNEY OF RECORD AT:  
  
(215) 563-1810

COMBINED DECLARATION, POWER OF ATTORNEY AND PETITION  
(Page 3)

Attorney Docket No. 1359-00

I hereby petition for grant of a United States Letters Patent on this invention.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1. FULL NAME OF SOLE OR FIRST INVENTOR <u>Morten Nyborg</u>		INVENTOR'S SIGNATURE <u>Morten Nyborg</u>	DATE <u>01.08.2000</u>
RESIDENCE <u>Lilleengveien 1B, Jar, Norway</u>		CITIZENSHIP <u>NORWEGIAN</u>	
POST OFFICE ADDRESS <u>Lilleengveien 1B, N-1342 Jar, Norway</u>			
2. FULL NAME OF JOINT INVENTOR, IF ANY		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
3. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
4. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
5. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
6. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
7. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			